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FAX COVER SHEET

	NAME	COMPANY NAME	TELECOPY NO.
TO:	Office of Initial Patent Examination's Filing Receipt Corrections	Commissioner for Patents Alexandria, VA	(571) 273-8300

FROM: Bradford G. Addison, Esquire**DIRECT DIAL:** (317) 231-7253**E-MAIL:** bradford.addison@btlaw.com**DATE:** July 28, 2005**TIME SENDING:** _____**NUMBER OF PAGES (INCLUDING THIS COVER SHEET):** 9

Re: U.S. Serial No.: 10/509,529
U.S. Filing Date: June 14, 2005
U.S. National Phase of PCT/JP03/03868 Filed 27 March 2003 (27.03.03)
Title: METHOD OF INDUCING GROWTH OF NERVE STEM CELLS
Applicants: TODA, Masahiro; OKANO, Hideyuki; KAWAKAMI, Yutaka;
TOYAMA, Yoshiaki; MIKAMI, Yuji; SAKAGUCHI, Masanori
Priority Claim: JP Serial No. 2002-89624 Filed 27 March 2002 (27.03.02)
Our File: 38102-76017

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CLIENT# 38102
MATTER# 76017☐ Original to follow by mail
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Group: 1644 (Filing Receipt)
Confirmation No.: 2773
Application No.: 10/509,529
Invention: METHOD OF INDUCING
GROWTH OF NERVE STEM
CELLS
Applicant: TODA, Masahiro; OKANO,
Hideyuki; KAWAKAMI, Yutaka;
TOYAMA, Yoshiaki; MIKAMI, Yuji;
SAKAGUCHI, Masanori
Filed: June 14, 2005
Attorney
Docket: 38102-76017
Examiner: Unknown

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Paper or Fee)

International Serial No.: PCT/JP03/03868
International Filing Date: 27 March 2003

REQUEST FOR CORRECTED FILING RECEIPT

BOX Office of Initial Patent Examination's Filing Receipt Corrections
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Filing Receipt mailed June 24, 2005, a copy of the first two sheets of the official Filing Receipt for the above-identified application are attached with the requested change.

The U.S. Filing Receipt sets forth the title as published by the International Bureau of WIPO in the translation of the original Japanese title.

Applicants submit herewith a copy of the first sheet of the English translation of the application filed in the United States Patent Office on September 24, 2004, and a copy of the

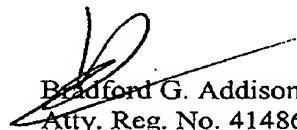
executed Declaration for Utility or Design Patent Application (37 CFR 1.63) filed in the United States Patent Office on June 14, 2005, each of which set forth the title "METHOD FOR INDUCING PROLIFERATION OF NEURAL STEM CELLS".

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Applicants believe no fee is due for this Request. If it is determined that a fee is properly required, the Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 10-0435, referencing attorney docket no. 38102-76017. A duplicate copy of this Request to Correct Filing Receipt is submitted herewith.

Respectfully submitted,


Bradford G. Addison
Atty. Reg. No. 41486
Attorney for Applicants

BGA/mje/743370v1
Indianapolis, Indiana 46204
(317) 231-7253

Attachments: Copy of Filing Receipt with Title Corrected
Copy of Request for Corrected Filing Receipt
Copy of First Sheet of English Translation of Application
Copy of First Sheet of Declaration

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Page 1 of 3

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APPL NO.	FILING OR 371 (e) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/509,529	06/14/2005	1644	568	38102-76017	15	18	4

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CONFIRMATION NO. 2773

FILING RECEIPT

OC00000016362247

Date Mailed: 06/24/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Masahiro Toda, Kanagawa, JAPAN; ✓
Hideyuki Okano, Tokyo, JAPAN; ✓
Yutaka Kawakami, Kanagawa, JAPAN; ✓
Yoshiaki Toyama, Tokyo, JAPAN; ✓
Yuji Mikami, Tokyo, JAPAN; ✓
Masanori Sakaguchi, Tokyo, JAPAN; ✓

Assignment For Published Patent Application

Institute of Gene and Brain Science, Tokyo, JAPAN ✓

Power of Attorney: The patent practitioners associated with Customer Number 23643. ✓

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/03868 03/27/2003

Foreign Applications

JAPAN 2002-89624 03/27/2002

Projected Publication Date: 09/29/2005

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Method for inducing proliferation of neural stem cells

Title

for proliferation of neural
~~Method of inducing growth of nerve stem cells~~

Preliminary Class

530

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

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METHOD FOR INDUCING PROLIFERATION OF NEURAL STEM CELLS

TECHNICAL FIELD

5 The present invention relates to methods for inducing proliferation of neural stem cells, which are undifferentiated neural cells with pluripotency, use of neural stem cells obtained by such proliferation-inducing methods, proliferation-inducing sets of neural stem cells, and use of such proliferation-inducing sets of neural stem cells.

10

BACKGROUND ART

Many spinal cord injuries are traumatic and they are caused by traffic accidents, sport accidents, industrial accidents and the like. Non-traumatic ones are attributed to
15 inflammation, bleeding, tumors, spine deformation and the like. The pathologic conditions include crush and pressure lesions of the spinal cord based on bleeding and edema in the spinal substance, causing neuropathy corresponding to the injured site. As main clinical manifestations, paresis or paralysis and
20 anesthesia occur below the injury level. In the case of cervical cord injuries, respiratory paralysis and hyperthermia (or hypothermia) are observed as the characteristic complications. The improvement of the above-mentioned neuropathy, especially the amelioration of dyskinesia is
25 directly linked to prevention of the increasing number of the bedridden elderlies or to enhancement of their quality of life (QOL); it is becoming more important with the increasing average life span in recent years.

Treatment for the above-mentioned spinal cord injuries
30 include surgical operations for eliminating physical compression and injury and steroid therapy for spine edema in the acute phase after injury (N.Engl J. Med. 322, 1405-1411, 1990, J.Neurosurg 93, 1-7, 2000). It is reported that among steroids, high-dose administration of methylprednisolone is
35 effective in improving neurological symptoms associated with spinal cord injuries (J.Spinal Disord. 5(1), 125-131, 1992).

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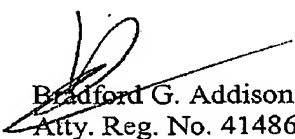
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